



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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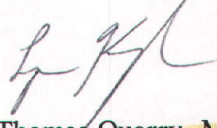
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Michael O. Leavitt  
Governor

Lowell P. Braxton  
Division Director

November 16, 1998

TO: File

FROM: Lynn Kunzler, Senior Reclamation Specialist 

RE: Meeting Notes, American Stone Inc., Cotton Thomas Quarry, M/003/024, Box Elder County, Utah.

At 10:30 am on October 27, 1998, a meeting was held with Lon and Beverly Thomas of American Stone, Inc. at the Division offices. Wayne Hedberg and Lynn Kunzler were in attendance for the Division. The purpose of this meeting was a continuation of the October 13, 1998 meeting to discuss findings of recent site inspections and the Division's initial permit review document for the Cotton Thomas Quarry LMO.

Mr. Thomas stated he had reviewed the Division's recent GPS data for the Cotton Thomas Quarry disturbed areas. He said he had tape measured some of the quarry areas for comparison and believes that our GPS measurements have over-calculated his disturbed acreage. He stated that he thought the Division's measurements were nearly twice the acreage he had subsequently measured for the respective areas.

For the time being, Mr. Thomas indicated he would be willing to use the Division's figures in preparing his deficiency response to our initial review of his large mining permit application. He presented us with a draft reclamation surety estimate (using a Division generic spreadsheet), for all of the quarry areas associated with this project. He used our GPS acreage figures in determining his cost \$29,654 estimate for the *quarry areas* (@21 acres). Of this total only 2 acres were included for reclamation of access roads connecting the quarry sites. This estimate also includes those trespass disturbances that the BLM has temporarily suspended from continued mining activity by American Stone.

Mr. Thomas felt that his interim \$29,000 surety should be more than adequate to reclaim all of the existing disturbances associated with the Cotton Thomas project area (assuming the GPS acreage is incorrect). We agreed that the disturbed acreage question would need to be verified as soon as practical. Considering the rapid approach of winter weather, this acreage confirmation may not be possible until sometime next spring.

**Note:** If the Division calculations are correct, the Cotton Thomas large mining permit application will need to be amended accordingly. Additional reclamation surety would likely need to be posted before any new surface disturbance or expansion of existing disturbances occurs.

Mr. Thomas was provided with literature regarding the Division's GPS system (Trimble Geo-Explorer) and the computer software (p-finder and arc-view) that is used to differentially correct data and develop maps.



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Mr. Thomas was also provided copies of maps from similar stone quarrying operations as examples of the type information and level of detail needed to address the deficiencies noted in his large mining permit application. Mr. Thomas provided us with a draft copy of his Peoa Blonde Quarry large mining application during the meeting. Our initial impression was that the maps included with this notice would probably be satisfactory.

Mr. Thomas asked for clarification regarding when the large mining permit applications for the Heber Quarry and the Peoa Blonde Quarry were due. In researching the files, the Division's August 19, 1998 letter states that, "*A complete and adequate plan must be submitted by January 4, 1999.*" The Thomas's also asked to see our files on the Aragonite Mine and millsite while in our office. Questions we asked about our inspection records of this site. We briefly discussed the pending transfer of the millsite to McFarland and Hullinger. We indicated we have not seen a transfer form from the new operator as of yet.

Of final note, Mr. Thomas indicated that the BLM has essentially stopped him from further quarrying in the Gneiss quarry this year. He indicated that he needed to fulfill a contract with this material and wanted our permission to open up a 1/2 acre area to the northeast of the existing BLM disturbance that was on his private ground and minerals. We told him that we would need to discuss this with upper management and the BLM to determine if, when, and how this activity could be permitted. We told the Thomas's that we would send them a follow up meeting memo or a letter summarizing the content and results of our meeting.

cc: Lon Thomas, operator  
Mary Ann Wright, DOGM  
M3-24.mtg